

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/003940

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B28D1/18 E21C35/18 E01C23/088

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B28D E21C E01C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 30 26 930 A (CINCINNATI MINE MACHINERY CO) 15 October 1981 (1981-10-15) page 44, paragraph 3 - page 45, paragraph 1	1-4, 6-9, 11, 12, 17-19
Y	page 54, paragraph 1 - page 58, last paragraph; figures 3, 21, 36-41	5, 13-16, 20, 21
X	US 4 329 766 A (LANE JOHN ET AL) 18 May 1982 (1982-05-18) the whole document	1, 2, 4-7, 9-11, 13, 15, 17-19
X	WO 97/23710 A (SIEBENHOFER GOTTFRIED ; GERER ROMAN (AT); ZITZ ALFRED (AT); VOEST ALPI) 3 July 1997 (1997-07-03) page 4, paragraph 3 - page 5, paragraph 2; figure	1, 2, 4

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

6 August 2004

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Movadat, R

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	EP 1 013 829 A (BETONBOOR BLEEKER B V) 28 June 2000 (2000-06-28) paragraph '0018!; figure 3	1,9-12
Y	US 5 438 860 A (KAWAI KAZUNARI ET AL) 8 August 1995 (1995-08-08) column 3, line 6 - column 4, line 22; figures 5-9	20,21

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Information on patent family members

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